

REMARKS

Claims 1-22 are currently pending. Claims 1, 12 and 15 have been amended herein. No new matter has been added as a result of these amendments. Reconsideration and allowance of these Claims are respectfully requested.

103 Rejection

Claims 1-22 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Papierniak et al. (U.S. Patent No. 6,151,601) in view of Bello et al. (U.S. Patent No. 6,477,525). Applicants have reviewed the recited references and respectfully submit that the present invention as is recited in Claims 1-22 is neither shown nor suggested by Papierniak et al. (No. U.S. Patent No. 6,151,601) in view of Bello et al. (U.S. Patent No. 6,477,525).

The Examiner is respectfully directed to independent Claim 1 which recites that an embodiment of the present invention is directed to:

A computer implemented method for transporting data in a data warehousing application, comprising the steps of: a) extracting data from at least one source containing data having a standard structure; b) translating said data to form translated data containing meaningful business terms; c) loading said translated data into a staging area wherein said translated data is received from analytic business components ...

Independent Claims 12 and 15 recite limitations similar to those of Claim 1. Claims 2-11 depend from independent Claim 1, Claims 13-14 depend from independent Claim 12, and Claims 16-22 depend from independent Claim 15.

Papierniak et al. does not anticipate or render obvious a computer implemented method for transporting data in a data warehousing application including “loading said translated data into a staging area wherein said translated data is received from analytic

business components" as is recited in Claim 1. By contrast, Papierniak et al. teaches a computer architecture and method for collecting, analyzing and transforming internet or electronic commerce data for storage into a data storage area. Papierniak et al. teaches that the collected data is loaded into a "Web Warehouse" (e.g., the data storage area) after having been extracted from a data source. Nowhere does Papierniak et al. disclose that translated data received from analytic business components be loaded into a "staging area" before being loaded into a data warehouse as is recited in amended independent Claims 1, 12 and 15. Consequently, the Papierniak et al. reference simply does not teach what the Examiner relies upon it as teaching. Thus, the Applicants respectfully submit that the Papierniak et al. does not anticipate or render obvious the claimed invention as is set forth in independent Claims 1, 12, and 15.

Bello et al. does not overcome the shortcomings of Papierniak et al. noted above. Bello et al. only shows a method and system for processing queries. Bella et al. does not anticipate nor render obvious a computer implemented method for transporting data in a data warehousing application including "loading said translated data into a staging area wherein said translated data is received from analytic business components" as is recited in Claim 1. In fact, nowhere does Bella et al. disclose that translated data received from analytic business components be loaded into a "staging area" before being loaded into a data warehouse as is recited in amended independent Claims 1, 12 and 15. Consequently, the Bello et al. reference simply does not teach what the Examiner relies upon it as teaching. Thus, the Applicants respectfully submit that the Bello et al. and Papierniak et al. either alone or in combination, do not anticipate or render obvious the claimed invention as is set forth in independent Claims 1, 12, and 15.

The Applicants respectfully submit that several references that the Examiner has made in the outstanding Office Action to subject matter in the Bello et al. reference are not understood. The Examiner contends on page 3 of the outstanding Office Action that “‘staging’ is read on ‘area where normalizing or denormalizing takes place, further, data transformation wherein the data is parsed analyzed, validated, and organized before storing into the warehouse is deemed to be perform staging.’” However a careful review of the cited passage (column 34, lines 54-62) in the Bello et al reference reveals no such language. Moreover, the Examiner has made reference to “Fig. 22” (Office Action page 3). However, no such Figure could be found in the Bello et al. reference. The Applicants respectfully request that these references be clarified.

Therefore, Applicants respectfully submit that Papierniak et al. and Bella et al. either alone or in combination, do not anticipate nor suggest the present Claimed invention as is recited in independent Claims 1, 12 and 15 and as such Claims 1, 12, and 15 traverse the Examiners basis for rejection under 35 U.S.C. 103(a). Accordingly, Applicants submit that Claims 1, 12, and 15 are in condition for allowance. In addition, Papierniak et al. and Bella et al. do not anticipate or suggest the present invention as is recited in Claims 2-11, 13-14, and 16-22 which depend from independent Claims 1, 12 and 15 respectively, and that Claims 2-11, 13-14, and 16-22 are also in condition for allowance as being dependent on an allowable base claim.

Conclusion

In light of the above-listed amendments and remarks, Applicants respectfully request allowance of the remaining Claims.

The Examiner is urged to contact Applicants' undersigned representative if the Examiner believes such action would expedite resolution of the present Application.

Respectfully submitted,

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